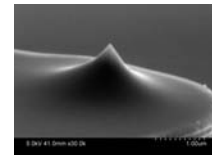




# Carbon Nanotube Synthesis via Nanoscale Thermal Processing with Diamond Probe Tips

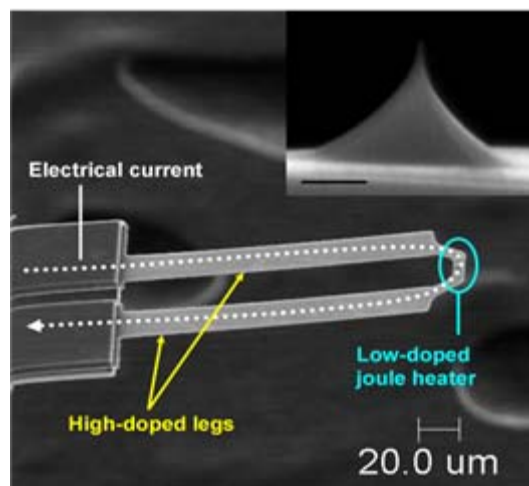


**Bill King**, *University of Illinois Urbana-Champaign*

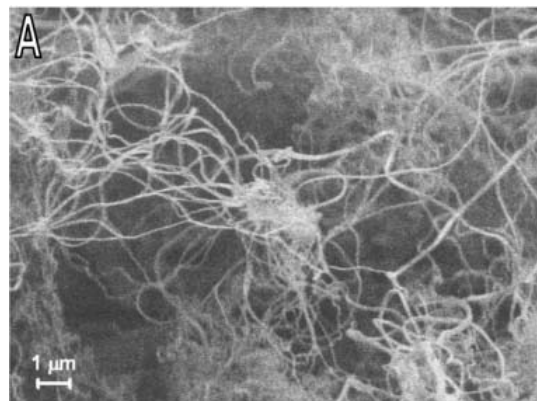
**Paul Sheehan** *Naval Research Laboratory*

**John Carlisle** *Advanced Diamond Technologies*

**Roger Proksch**, *Asylum Research*

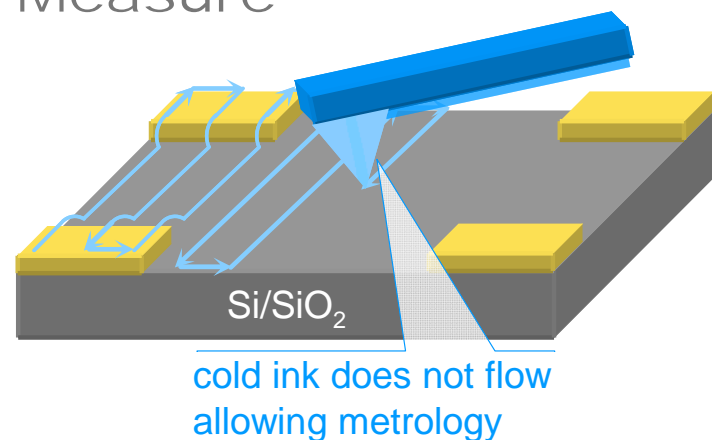


Heated cantilever tip allows controllable deposition of polymer.



Polymer can be thermally converted into carbon nanotube.

Measure



Write

